

*Presented to:*

Missouri Department of  
Natural Resources

## Use Attainability Analysis

City of Moberly

Tributary to Coon Creek

Coon Creek

Sweet Springs Creek

**July 8, 2005**

*Submitted by:*

Jacobs Civil Inc.  
501 N. Broadway  
St. Louis MO 63102



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JUL 11 2005

Field Data Sheets for Recreational Use Stream Surveys

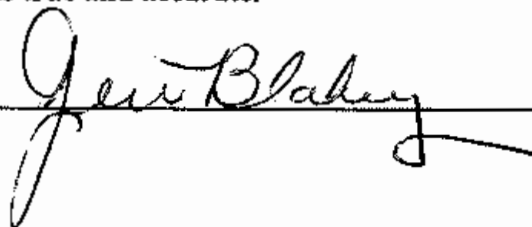
WATER PROTECTION PROGRAM

**Data Sheet A - Water Body Identification**

Water Body Name: (from USGS 7.5' quad)	Coon Creek
8-digit HUC:	07110006
Missouri WBID #:	132
County:	Randolph
Upstream Legal Description:	SW1/4, NE1/4, SEC4, T53N, R13W
Downstream Legal Description:	NW1/4, SEC30, T54N, R12W
Upstream Coordinates: (UGS 84, ddd.ddddd)	LAT: 39.4182 LONG: -92.37
Downstream Coordinates: (UGS 84, ddd.ddddd)	LAT: 39.4454 LONG: -92.2994
Discharger Facility Name(s):	City of Moberly
Discharger Permit Number(s):	MO-0117960
Number of Sites Evaluated:	3
Name of Surveyor and Telephone Number:	Geri Blakey 660-263-7164
Organization:	City of Moberly
Position:	Water Quality Coordinator

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

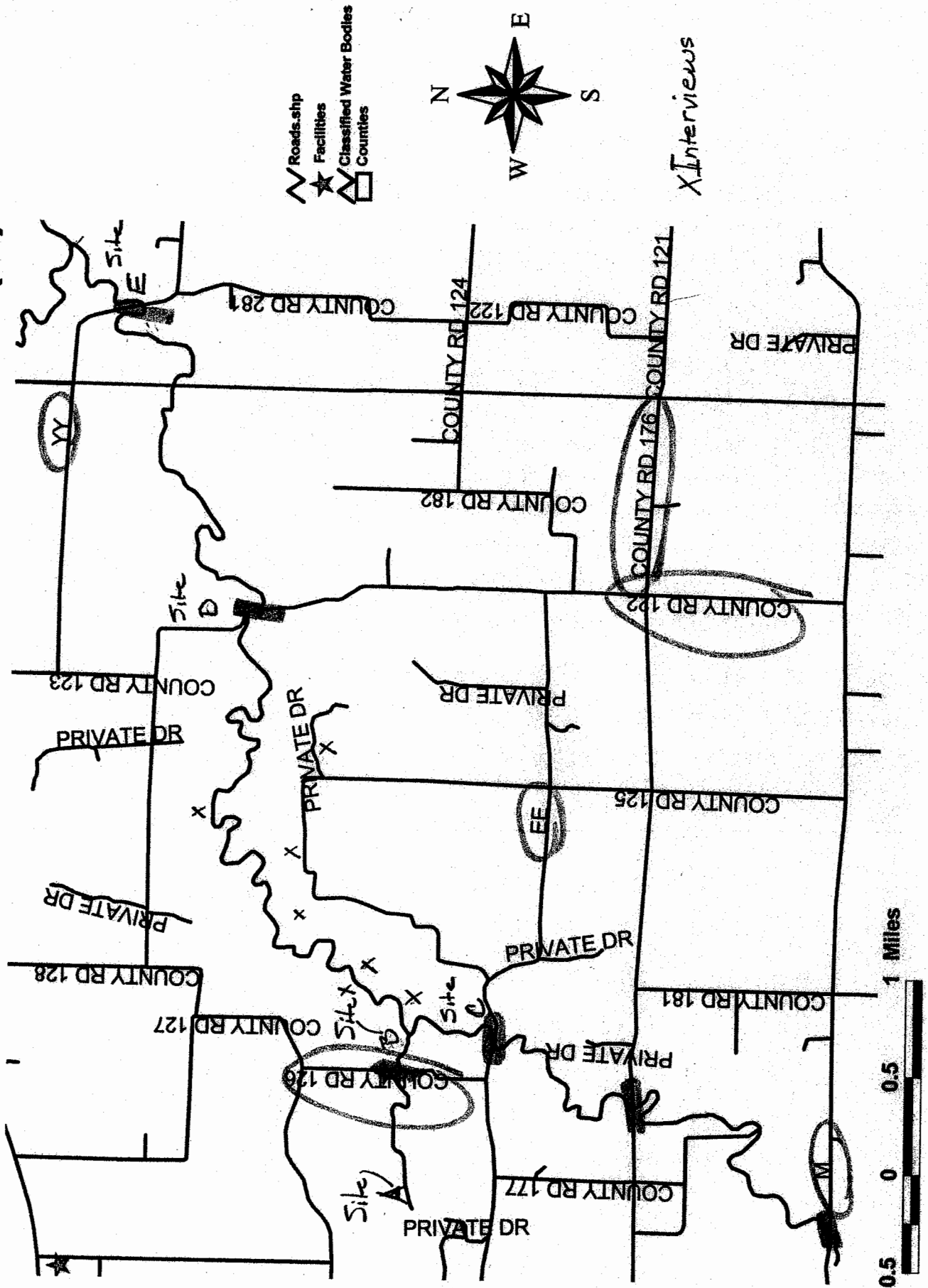
Signed:



Date:

07-08-05

# Coon Cr. (C) #0132 & Trib. to Coon Cr (C) #0133



Site  
C**Field Data Sheets for Recreational Use Stream Surveys****Data Sheet B - Site Characterization**

(A separate data sheet must be completed for each site)

Missouri WBID #: 132		Site Location Description:	
Site GPS Coordinates: Lat: 39.4182 Long: -92.37		SR EE Coon Creek Bridge crossing upstream of tributary WBID#133	
Date & Time: 5/27/05 9:45		Facility Name: City of Moberly Wastewater Treatment Facility	
Personnel: Geri Blakey		Permit Number: MO-0117960	
Current Weather Conditions: clear		Weather Conditions for Past 7 days: 5/22/05 .52 inch rain (1)	
Photo Ids: Upstream: #13	Downstream: #9	Other:	

(1) clear to partly cloudy the rest of the week

**Uses Observed\*:**

Swimming	Skin diving	SCUBA diving	Tubing	Water skiing
Wind surfing	Kayaking	Boating	Wading	Rafting
Hunting	Trapping	Fishing	X None of the above	Other:
Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)				

**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

City/county parks	Playgrounds	MDC conservation lands	Urban areas	Campgrounds
Boating accesses	State parks	National forests	Nature trails	Stairs/walkway
No trespass sign	Fence	X Steep slopes	Other:	

**Evidence of Human Use\*:**

Roads	Foot paths/prints	Dock/platform	Livestock Watering	RV / ATV Tracks
Rope swings	Camping Sites	Fire pit/ring	NPDES Discharge	Fishing Tackle
Other: None - per Geri Blakey 7/12/05				

**Site Locations Map(s):** Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

\*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

*Site C*
**Stream Morphology:**
**Upstream View Physical Dimensions:**

Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
x Run	Width (ft): 18-20	Length (ft): around bend	Avg. Depth (ft): 16 in.	Max. Depth (ft): 20 in.
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present?	Yes No	Estimated (ft <sup>3</sup> /sec):	

**Downstream View Physical Dimensions:**

x Riffle	Width (ft): 3-4	Length (ft): 5-6	Avg. Depth (ft): 2 in.	Max. Depth (ft): 3 in.
x Run	Width (ft): 20-22	Length (ft): 75-90	Avg. Depth (ft): 16 in.	Max. Depth (ft): 20 in.
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present?	Yes No	Estimated (ft <sup>3</sup> /sec):	

**Substrate\*:** (These values should add up to 100%.)

% Cobble	10 % Gravel	10 % Sand	10 % Silt	70 % Mud/Clay	% Bedrock
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**Aquatic Vegetation\*:** (note amount of vegetation or algal growth at the assessment site)

**Water Characteristics\*:** (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	x None	Other: (1) clear to partly c
Color:	Clear	x Green	Gray	Milky	Other:
Bottom Deposit:	Sludge	Solids	Fine sediments	None	Other:
Surface Deposit:	Oil	Scum	Foam	x None	Other:

**Comments:** Please attach additional comments (including information from interviews) to this form.

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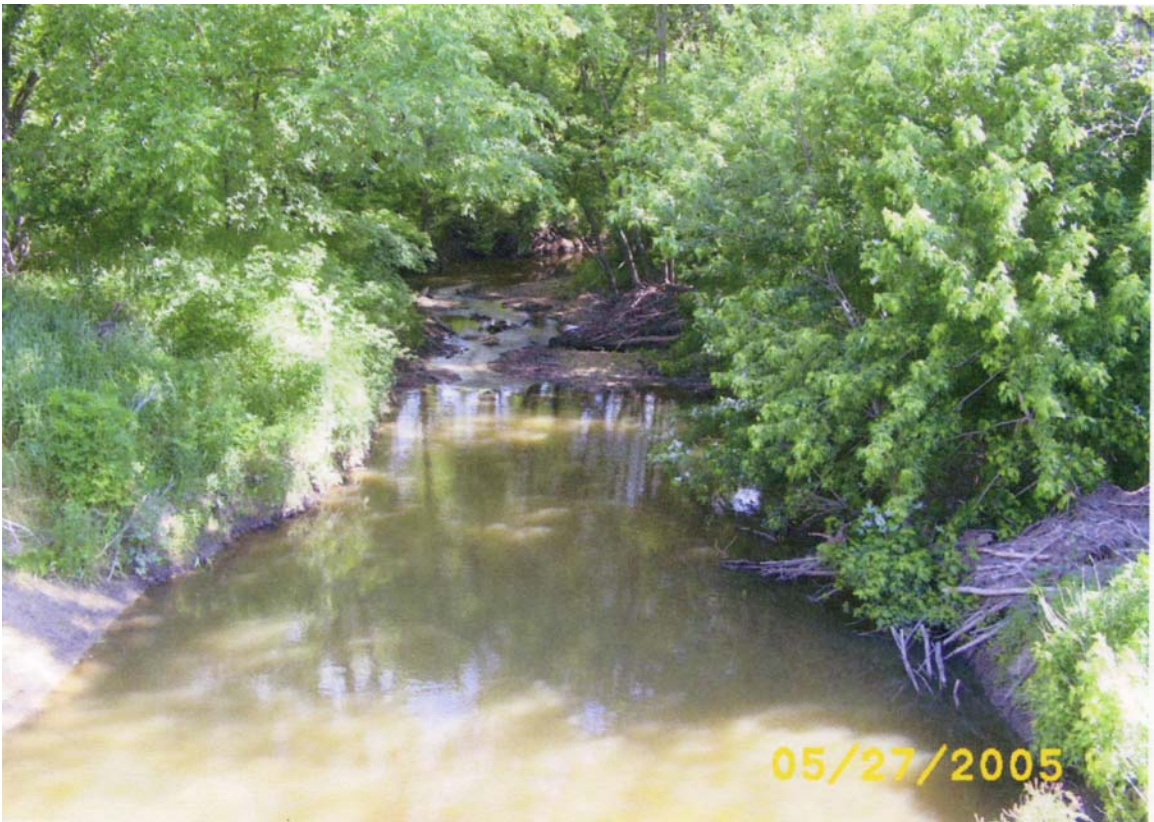
Signed: *Jen Blahney* Date: 07-08-05

Organization: City of Moberly Position: Water Quality Coordinator





C – upstream #13



C – downstream #9

Site  
D

## Field Data Sheets for Recreational Use Stream Surveys

### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 132		Site Location Description:	
Site GPS Coordinates: Lat: 39.44 Long: -92.3173		CR2380 Coon Creek Bridge crossing downstream of tributary WBID#133	
Date & Time: 5/27/05 8:30		Facility Name: City of Moberly Wastewater Treatment Facility	
Personnel: Gari Blakey		Permit Number: MO-0117960	
Current Weather Conditions: clear		Weather Conditions for Past 7 days: 5/22/05 .52 inch rain (1)	
Photo Ids: Upstream: #2	Downstream: #4	Other:	

(1) clear to partly cloudy the rest of the week

#### Uses Observed\*:

Swimming	Skin diving	SCUBA diving	Tubing	Water skiing
Wind surfing	Kayaking	Boating	Wading	Rafting
Hunting	Trapping	Fishing	X None of the above	Other:
Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)				

#### Surrounding Conditions\*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

City/county parks	Playgrounds	MDC conservation lands	Urban areas	Campgrounds
Boating accesses	State parks	National forests	Nature trails	Stairs/walkway
No trespass sign	Fence	X Steep slopes	Other:	

#### Evidence of Human Use\*:

Roads	X Foot paths/prints	Dock/platform	Livestock Watering	RV / ATV Tracks
Rope swings	Camping Sites	Fire pit/ring	NPDES Discharge	Fishing Tackle
Other:				

**Site Locations Map(s):** Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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*Site  
D*
**Stream Morphology:**
**Upstream View Physical Dimensions:**

x Riffle	Width (ft): 10-12	Length (ft): 20-25	Avg. Depth (ft): 4 in.	Max. Depth (ft): 6 in.
x Run	Width (ft): 18-20	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
x Pool	Width (ft): 18 ft.	Length (ft): 20-30 ft.	Avg. Depth (ft): 20 in.	Max. Depth (ft): 28 in.
x Flow	Present?	Yes No	Estimated (ft <sup>3</sup> /sec): slow	

**Downstream View Physical Dimensions:**

Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
x Run	Width (ft): 18-20	Length (ft): around bend	Avg. Depth (ft): 20 in.	Max. Depth (ft): 26 in.
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
x Flow	Present?	Yes No	Estimated (ft <sup>3</sup> /sec): slow	

**Substrate\*:** (These values should add up to 100%.)

% Cobble	25 % Gravel	% Sand	% Silt	75 % Mud/Clay	% Bedrock
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*ripples*
**Aquatic Vegetation\*:** (note amount of vegetation or algal growth at the assessment site)

**Water Characteristics\*:** (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	x None	Other:
Color:	x Clear	x Green	Gray	Milky	Other:
Bottom Deposit:	Sludge	Solids	Fine sediments	x None	Other:
Surface Deposit:	Oil	Scum	Foam	x None	Other:

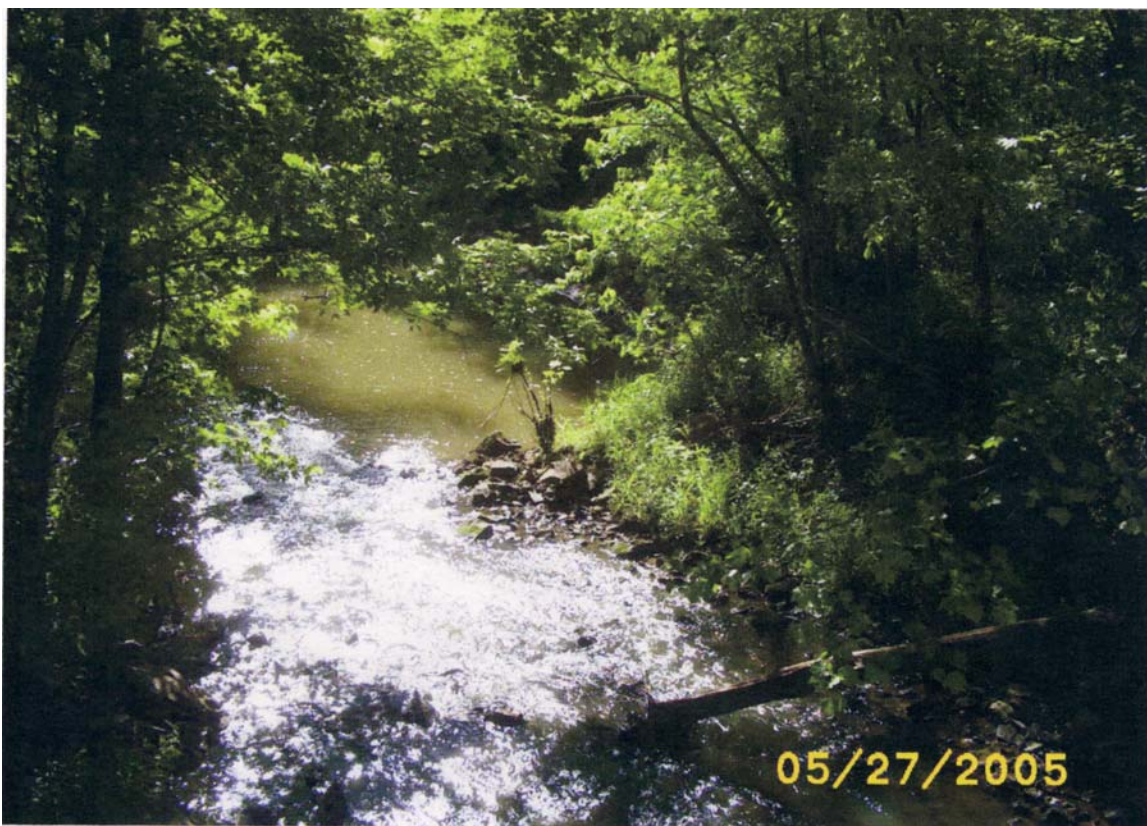
**Comments:** Please attach additional comments (including information from interviews) to this form.

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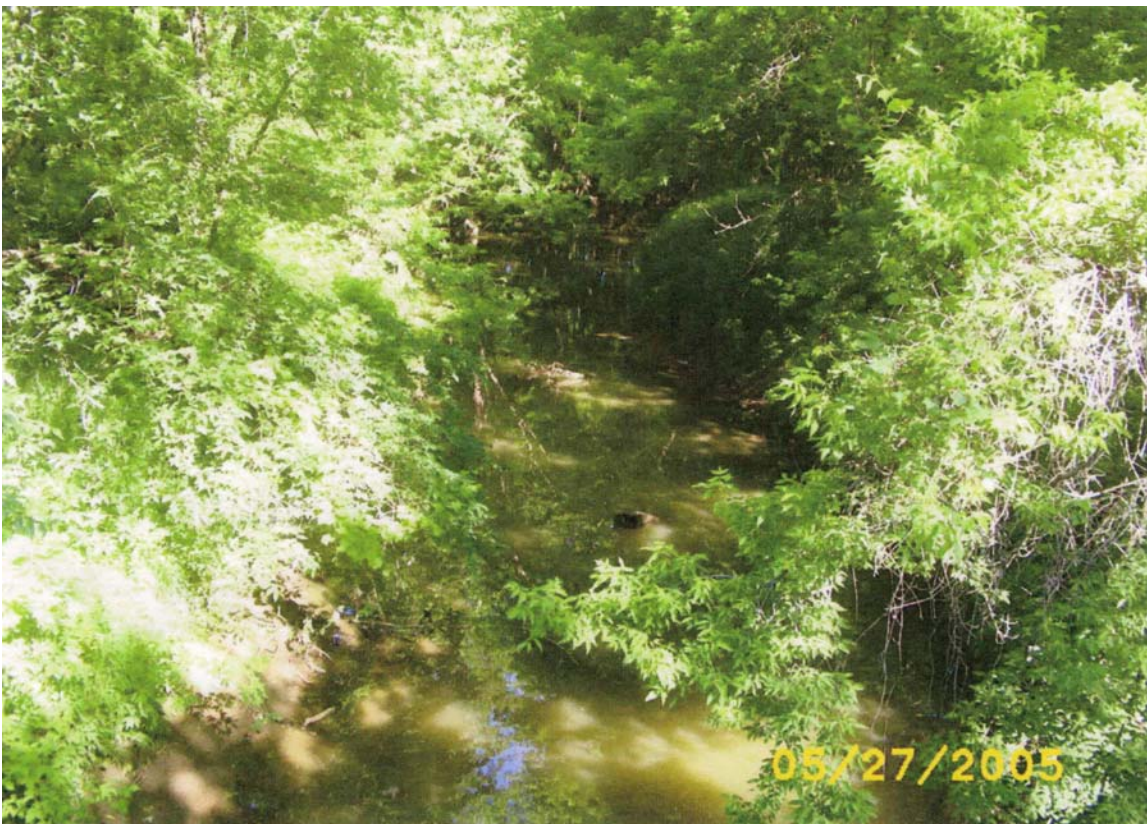
I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: *Jeri Blahny* Date: 07-08-05  
 Organization: City of Moberly Position: Water Quality Coordinator





D – upstream #2



D – downstream #4

Site  
E

## Field Data Sheets for Recreational Use Stream Surveys

### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 132		Site Location Description: SR44 Coon Creek Bridge crossing <i>yy</i>
Site GPS Coordinates: Lat: 39.4454 Long: -92.2994		
Date & Time: 6/28/05 8:45		Facility Name: City of Moberly Wastewater Treatment Facility
Personnel: Geri Blakey		Permit Number: MO-0117960
Current Weather Conditions: overcast, hot		Weather Conditions for Past 7 days: clear/partly cloudy
Photo Ids: Upstream:	Downstream:	Other:

#### Uses Observed\*:

Swimming	Skin diving	SCUBA diving	Tubing	Water skiing
Wind surfing	Kayaking	Boating	Wading	Rafting
Hunting	Trapping	Fishing	<input checked="" type="checkbox"/> None of the above	Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

NOTE: This bridge is currently being replaced.

**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

City/county parks	Playgrounds	MDC conservation lands	Urban areas	Campgrounds
Boating accesses	State parks	National forests	Nature trails	Stairs/walkway
No trespass sign	Fence	<input checked="" type="checkbox"/> Steep slopes	Other:	

#### Evidence of Human Use\*:

Roads	Foot paths/prints	Dock/platform	Livestock Watering	RV / ATV Tracks
Rope swings	Camping Sites	Fire pit/ring	NPDES Discharge	Fishing Tackle
Other: <i>None, as per Geri Blakey 7/12/05</i>				

**Site Locations Map(s):** Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Site  
E**Stream Morphology:****Upstream View Physical Dimensions:**

Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
x Run	Width (ft): 12 max.	Length (ft): around bend	Avg. Depth (ft): 6 in.	Max. Depth (ft): 10 in.
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
x Flow	Present?	x Yes No	Estimated (ft <sup>3</sup> /sec): very, very slow	

**Downstream View Physical Dimensions:**

x Riffle	Width (ft): 3	Length (ft): 3	Avg. Depth (ft): 1 inch	Max. Depth (ft): 3 inches
x Run	Width (ft): 12 max.	Length (ft): 50	Avg. Depth (ft): 1	Max. Depth (ft): 1.3
x 2nd run after riffle	Width (ft): 10	Length (ft): around bend	Avg. Depth (ft): 8 in.	Max. Depth (ft): 1
x Flow	Present?	x Yes No	Estimated (ft <sup>3</sup> /sec): very, very slow	

**Substrate\*:** (These values should add up to 100%.)

% Cobble	% Gravel	30 % Sand	% Silt	70 % Mud/Clay	% Bedrock
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**Aquatic Vegetation\*:** (note amount of vegetation or algal growth at the assessment site)

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**Water Characteristics\*:** (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	x None	Other:
Color:	x Clear	Green	Gray	Milky	x Other: muddy
Bottom Deposit:	Sludge	Solids	Fine sediments	x None	Other:
Surface Deposit:	Oil	Scum	Foam	x None	Other:

**Comments:** Please attach additional comments (including information from interviews) to this form.

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Signed: Gene Blakely Date: 07-08-05Organization: City of Moberly Position: Water Quality Coordinator